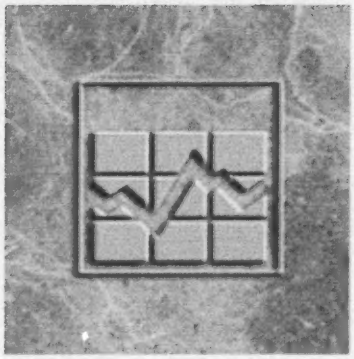
Catalogue no. 75F0002M — No. 001
ISSN 1707-2840
ISBN 978-1-100-21977-6

Research Paper

Income Research Paper Series

# User's Guide for Cross-Sectional Public-Use Microdata File: Survey of Labour and Income Dynamics (SLID)

2010



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## Standard symbols

The following symbols are used in Statistics Canada publications:

| | |
|---|---|
| . | not available for any reference period |
| .. | not available for a specific reference period |
| ... | not applicable |
| 0 | true zero or a value rounded to zero |
| $0^s$ | value rounded to 0 (zero) where there is a meaningful distinction between true zero and the value that was rounded |
| $^p$ | preliminary |
| $^r$ | revised |
| x | suppressed to meet the confidentiality requirements of the *Statistics Act* |
| $^E$ | use with caution |
| F | too unreliable to be published |
| * | significantly different from reference category ($p < 0.05$) |

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## 1. Introduction

The cross-sectional public-use microdata file for the Survey of Labour and Income Dynamics (SLID) is a collection of income, labour and family variables on persons in Canada and their families. SLID is an annual household survey covering the population of the 10 Canadian provinces with the exception of Indian reserves, residents of institutions and military barracks.

The Survey of Labour and Income Dynamics began collecting data for reference year 1993. Initially, SLID was designed to be, first and foremost, a longitudinal survey, with primary focus on labour and income and the relationships between them and family composition. Then, the decision was made to extend the objectives of SLID to be the primary source of cross-sectional household income data.

For many years, the Survey of Consumer Finances had provided public-use microdata files (PUMFs) to meet the needs of cross-sectional household income data users. SCF PUMFs were released up to and including reference year 1997. For the purpose of standard publications, Statistics Canada has made the transition from SCF to SLID between 1995 and 1996. Therefore, SLID cross-sectional PUMFs are being made available beginning with reference year 1996. The SLID files have been designed to be analogous to those produced for the SCF. The type of income data collected by SLID was identical to that of the former household income survey SCF (Survey of Consumer Finances), with the distinction that SLID respondents had the choice of a traditional income interview or granting permission to Statistics Canada to use their T1 income tax data.

To find more information on comparability between SLID and SCF data please consult the two following documents: *Bridging two surveys - An integrated series of income data from SCF and SLID - 1989-1997* and *Comparison of income estimates from the survey of consumer finances and the survey of labour and income dynamics* (see also section Related products and services)

*How to cite SLID in publications*

For publication of any information based on the SLID microdata files on CD-ROM (75M0010XCB), the following form of accreditation is recommended:

"This analysis is based on Statistics Canada's Survey of Labour and Income Dynamics Public Use Microdata, which contains anonymized data collected in the Survey of Labour and Income Dynamics. All computations on these microdata were prepared by (Name of user). The responsibility for the use and interpretation of these data is entirely that of the author(s)".

## 2. File structures

Although often referred to as one file, the SLID cross-sectional PUMF is four separate flat files: key, person, economic family and census family. To a large extent, the file structure used for SCF PUMFs has been maintained.

On the person file, there is one record per person in the sample aged 16 and over. Job characteristics such as industry, wage rates and work schedule are included on the person file and relate to the person's main job during the reference year (the job at which the most hours were worked during the year). Although SLID collects data on all jobs held during the year by each person under 70 years old, the characteristics of all other jobs are not included on the SLID PUMFs. The person file does contain identifiers that allow a researcher to group persons into households, economic families and census families.

The key file contains one record per person in the sample including children under the age of 16. Basic demographic information is available on this file and the necessary identifiers in order to match to the files for person, economic and census families. The economic and census family files contain one record per family. Both files include a demographic summary, income information and labour characteristics.

The sizes of the 2010 public-use files are:

Text table 1 File sizes

| Files | Number of records | Number of variables | Record length |
|---|---|---|---|
| Person file | 49,787 | 148 | 584 |
| Economic family file | 25,922 | 114 | 485 |
| Census family file | 28,980 | 71 | 424 |
| Key file | 60,362 | 14 | 45 |

## 3. Using the record layouts, data dictionary and univariate distributions

Additional information files are provided to assist users of the SLID public-use microdata files. For each of the four data files (key, person, economic family and census family), record layout, data dictionary and univariate distributions are provided. These information files are organized by content themes and in some cases sub-themes.

The following describes the structure of the additional information files:

A. The columns of the record layout file

*Variable name*. This is the variable name assigned for the public-use microdata file.

*Type*. Indicates whether the variable is numeric (in the sense that it can logically be used in mathematical operations) or character.

*Size*. Indicates both the number of spaces including the decimal point if there are decimal places and the number of decimal places, if any. For example, a variable which can have values of zero (00.0) to 99.9 would have a format expressed as: 4.1. A variable which can have values of zero (00) to 99 would have a format expressed as: 2.

*Sequence*. Indicates the order of variable appearance.

*Start position*. This shows the location of the variable on the public use microdata file.

*Long variable name*. A standardized name which can be used to quickly identify variables, to label tables, and so on. Although still rather cryptic, it is considerably more revealing than the variable name. However, this longer name obviously excludes a lot of important information contained in the variable description shown in the data dictionary. In short, analysts are warned against making assumptions about the variable definition based on the long variable name.

*Number of categories*. Shows the number of categories in the value set for the variable in question. Applies only to "character" variables. Numeric variables have ranges, which are specified in the data dictionary.

B. Data dictionary

The data dictionary presents the complete information about each survey variable on each of the four files. For each variable in the record layout the following information is shown: the variable name, the description or definition, code lists with descriptions or alternatively the range of values that the variable can take on, the variable type, its length (or format), and the population to which the variable pertains, i.e. for whom it is applicable.

C. Frequencies

These distributions are provided to allow users of the public use microdata files to verify totals that they produce. These distributions relate to the public-use files and not to the internal database; the distributions will be similar but not identical due to confidentiality processing procedures used to produce the public-use files.

For character variables, the description, unweighted and weighted frequencies and weighted percentages for each code, including reserved codes (see below), are provided. For numeric variables, the values are broken into several ranges and show the description, unweighted and weighted frequencies and weighted percentages.

**Missing values and reserved codes**

There are a few types of missing values on the public use files. SLID has adopted standard codes which have a particular meaning. It is important to account for reserved codes in any analysis, particularly with numeric variables. If your calculation of means or aggregates seems too high, check to ensure that you have excluded reserved codes from the calculation. With only a few exceptions, the reserved codes are the highest four values permitted according to the length of the variable. A brief explanation of reserved codes is provided below.

If the coverage of a variable does not extend to a certain population sub-group, then there are no valid values for that sub-group and the values (reserved codes) that do appear are in the form 9, 99, 9.9 and so on, which indicates that the variable is not applicable. The coverage of each variable on the file is referred to in the data dictionary as the "population".

For certain records, no valid value is available, although the value is applicable. Possibly, the respondent did not provide the information or it failed an edit in processing and the value was not imputed. Such missing values appear with a reserved code such as 7, 97, 9.7 and so on depending on the format. For certain variables, the number of missing values has been reduced through imputation. Missing values for the income variables have been entirely imputed, but most other variables may have missing values.

Finally, a few values may have been coded as 8, 98, 9.8, etc. These represent refusals to particular items in the interview. The approach for dealing with missing values of this last kind depends on the type of analysis being carried out and the extent of missing data. Although the end solution may be to exclude the records with missing values from the analysis, a review should first be carried out to assess the impact of missing values on the overall representativeness of the data. Is it possible that a bias results from the missing data? For example, are the (other) characteristics of the people with missing values different from those of the observed part of the sample? It may be necessary to take into account the possible impact in some way. In all cases, analysts should note exclusions of records with missing values in their published results.

## 4. Guidelines for applying weights

The microdata on the public use files are unweighted. It is the responsibility of data users to apply the appropriate weights in any estimates they wish to produce. If proper weights are not used, the results derived from the microdata cannot be considered to be representative of the survey population, and will not correspond to those that would be

produced by Statistics Canada. The weights are provided as variables under "Sample control". On the SLID PUMF, the weight variable is named WTCSLD26.

## 5. Guidelines for release (data quality and rounding)

Microdata users should apply the rules for assessing data quality (see below) to all estimates they produce, and retain only those that satisfy the release criteria. Estimates that do not satisfy the release criteria are not reliable.

### Introduction

The guidelines for release and publication make use of the concept of sampling variability to determine whether the estimates obtained from the microdata are reliable. Sampling variability is the error in the estimates caused by the fact that we survey a sample rather than the entire population. The concept of standard error and the related concept of coefficient of variation and confidence interval provide an indication of the magnitude of the sampling variability.

The standard error and coefficient of variation do not measure any systematic biases in the survey data which might affect the estimate. Rather, they are based on the assumption that the sampling errors follow a normal probability distribution.

Subject to this assumption, it is possible to estimate the extent to which different samples that have the same design and the same number of observations would give different results. This indicates the margin of error that is likely to be included in the estimates derived from our single sample.

For a more complete description of the measures of sampling variability, see A. Satin and W. Shastry, Survey Sampling: A Non-Mathematical Guide, Statistics Canada, Catalogue 12-602E.

### Minimum sizes of estimates for release

Suppression rules, or data reliability cut-offs, are currently established based on the sample size that underlies the estimate. In general, a sample size of 25 observations is required for the estimate to be published. Depending on the type of estimate, this rule can vary slightly. These rules help protect the confidentiality of survey respondents and ensure the reliability of estimates.

Text table 2 Suppression rules

| Estimate | Suppress if: |
|---|---|
| **Percentage, distribution, proportion/shares:** | |
| • % under the low-income cut off (LICO)<br>• Income distribution<br>• Proportion of families with income=0 | Denominator* sample size < 25<br>or<br>Denominator* sample size < 100 and numerator sample size < 5 |
| **Ratios:** | |
| • female/male earnings | Numerator sample size < 25<br>or<br>Denominator sample size < 25 |
| **Quintiles (shares, means and upper income limits)** | |
| • shares of income by quintile<br>• average income by quintile<br>• upper income limits | sample in all quintiles/5 < 25<br>or<br>upper income limit for upper income quintile or total of quintiles |
| **Other estimates** | |
| • Counts<br>• Mean<br>• Medians<br>• Gini coefficients | sample < 25 |

* The denominator sample size refers to the sample size of the total estimate from which the distribution, percentage, proportion or share is derived.

**Estimates of provincial aggregates and means**

When producing estimates for provincial aggregates and means it should be noted that for a small number of records, province of residence has been suppressed. This will result in a small bias in provincial estimates.

**Rounding guidelines**

To ensure that estimates from this microdata file intended for publication or any other type of release correspond to estimates that would be obtained by Statistics Canada, we strongly recommend that users comply with the following guidelines for rounding estimates:

a) Estimates in the body of a statistical table must be rounded to the nearest hundredth using the traditional rounding technique, i.e., if the first or only number to be eliminated is between 0 and 4, the preceding number does not change. If the first or only number to be eliminated is between 5 and 9, the value of the last number to be retained increases by

1. For example, when using the traditional technique of rounding to the nearest hundredth, if the last two numbers are between 00 and 49, they are replaced by 00 and the preceding number (denoting hundredths) stays as is. If the last two numbers are between 50 and 99, they are replaced with 00 and the preceding number increased by 1.

b) Total partial sub-totals and total sub-totals in statistical tables must be calculated using their unrounded corresponding components, then rounded in turn to the closest hundredth using the traditional rounding technique.

c) Means, ratios, rates and percentages must be calculated using unrounded components (i.e., numerators and/or denominators), and then rounded to a decimal using the traditional rounding technique.

d) Totals and differences in aggregates (or ratios) must be calculated using their corresponding unrounded components, then rounded to the nearest hundredth (or decimal place) using the traditional rounding technique.

e) If, due to technical or other limitations, a technique other than traditional rounding is used, with the result that the estimates to be published or released differ in any form from the corresponding estimates that would be obtained by Statistics Canada using this microdata file, we strongly advise users to indicate the reasons for the differences in the documents to be published or released.

f) Unrounded estimates should not under any circumstances be published or released. Unrounded estimates give the impression that they are much more precise than they actually are.

**Hypothesis tests provided by statistical software packages**

Microdata users should be aware that the results of hypothesis tests (such as the p values accompanying t statistics or Pearson statistics) that are provided automatically by most standard statistical software packages are incorrect for data provided by surveys with a complex survey design, such as SLID. Such packages calculate these test results under the assumption of simple random sampling. That is, they do not take into account the special sample design features of SLID such as stratification, clustering, and unequal selection probabilities. While many of the standard packages can account for the unequal selection probabilities in the production of estimates by allowing the use of weights, these packages do not properly take the sample design into account when producing variance estimates that form part of most test statistics.

To perform hypothesis tests, a two-step method can be employed with the standard statistical software to form the test statistics. First, estimate the characteristics of interest (total or mean) using the weights provided on the microdata file. Second, obtain approximate variance estimates of these characteristics by rerunning the same software procedure as that used for producing the characteristic estimates but using a scaled

weight that consists of the original weight divided by the average of the original weights of all the observations being used in your computations. The standard error can be derived by using the estimate and the rough estimate of the variance. These quantities (estimate, variance, standard error) can then be combined to form test statistics. It must be noted that this method provides only rough approximations to the variance.

It should be noted that users of the SLID PUMF cannot readily obtain better design-based variance estimates through the use of statistical software specifically designed for survey data. This is because the design information required by these software packages is not currently available on the SLID data file due to confidentiality considerations. However, better variance estimates can be produced by Statistics Canada on a cost-recovery basis.

## 6. Confidentiality of the public-use microdata

The production of a public-use microdata file includes many safeguards to prevent the identification of any one person. Longitudinal surveys are faced with an extra challenge when it comes to ensuring confidentiality, because data are collected for the same people for several years. For this reason, Statistics Canada plans to release only cross-sectional files from SLID. The number of topics covered in SLID also contributes to the amount of processing required specifically to ensure confidentiality. Confidentiality of the public-use file is ensured mainly by reducing information, i.e. deleting whole variables or suppressing or collapsing some of their detail.

SLID uses a number of techniques to ensure confidentiality:

- The SLID public-use file is comprised of a sample of the households randomly selected from the full SLID sample.

- All the variables which would permit direct identification of individuals are, of course, deleted from the file. This includes name, telephone number, and other data used for collection purposes;

- Collapsing categories. This is applied to categorical (i.e. qualitative) variables such as the variable 'size of area of residence'.

- Top and bottom coding. Very high and very low values usually are rare or unique in the population. Such extreme values are replaced with the value of an upper or lower limit.

- Rounding. Some variables, particularly monetary values, are rounded.

- Suppression and modification of characteristics was done while preserving integrity of the file for the purpose of producing precise and accurate statistics.

- Imputed records and variables on the file are not identified as such.

- Addition of "noise" (perturbation). Numeric values may have been raised or reduced by unequal amounts and proportions in a random-like fashion (addition of "noise"), while maintaining data integrity for the purpose of producing precise and accurate statistics.

## 7. SLID content, notes and definition, methodology

See the appropriate section in Survey of Labour and Income Dynamics (SLID) - A survey overview

## 8. Related products and services

See the appropriate section in Survey of Labour and Income Dynamics (SLID) - A survey overview

## 9. Questions and comments

If you have any questions or comments about the data in this CD-ROM product, you can contact the Income Statistics Division.

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## 10. Appendix 1 SLID Record Layout, 2010

Text table 3 External cross-sectional economic family file (ec2010ef)

| Variable name | Type | Size | Field | Start position | Long name |
|---|---|---|---|---|---|
| puchid25 | Character | 7 | 1 | 1 | Cross-sectional random household identifier |
| year99 | Numeric | 4.0 | 2 | 8 | Reference year |
| d31fam26 | Character | 2 | 3 | 12 | Economic family identifier |
| wtcsld26 | Decimal | 10.4 | 4 | 14 | Regular integrated cross-sectional weight for SLID |
| mjieh27 | Character | 1 | 5 | 24 | Flag - Economic family including major income earner of household, reference year |
| uszga25 | Character | 1 | 6 | 25 | Adjusted size of area of residence |
| hhsz25 | Numeric | 2.0 | 7 | 26 | Number of persons in household as of December 31 of refyear |
| limsda25 | Decimal | 5.1 | 8 | 28 | Depth of low income based the before-tax low income measure (LIM) |
| limsfa25 | Character | 1 | 9 | 33 | Flag - after tax income is below LIM |
| agofm27 | Numeric | 3.0 | 10 | 34 | Age of oldest person in economic family |
| agofmg27 | Character | 2 | 11 | 37 | Age group of oldest person in economic family |
| agyfm27 | Numeric | 3.0 | 12 | 39 | Age of youngest person in economic family |
| agyfmg27 | Character | 2 | 13 | 42 | Age group of youngest person in econmic family |
| fmcomp27 | Character | 2 | 14 | 44 | Economic family composition |
| fmsz27 | Numeric | 2.0 | 15 | 46 | Number of family members |
| fmtyp27 | Character | 2 | 16 | 48 | Economic family type reference person |
| alimo27 | Numeric | 8.0 | 17 | 50 | Economic family total - Support payments received |
| alip27 | Numeric | 8.0 | 18 | 58 | Economic family total - Support payments paid |
| atinc27 | Numeric | 8.0 | 19 | 66 | Economic family total - after-tax income |
| capgn27 | Numeric | 8.0 | 20 | 74 | Economic family total - Taxable capital gains |
| ccar27 | Numeric | 8.0 | 21 | 82 | Economic family total,childcare expenses |
| chfed27 | Numeric | 8.0 | 22 | 90 | Economic family total - Canada Child Tax Benefits (CCTB) |
| chprv27 | Numeric | 8.0 | 23 | 98 | Economic family total - Provincial program general Child Tax Benefit (CTB) |
| chtxb27 | Numeric | 8.0 | 24 | 106 | Economic family total - Federal provincial program general CTB |
| cpqpp27 | Numeric | 8.0 | 25 | 114 | Economic family total - Canada Pension Plan (CPP) and Quebec Pension Plan (QPP) |
| cqpc?7 | Numeric | 8.0 | 26 | 122 | Economic family total - Canada and Quebec Pension Plan |
| earng27 | Numeric | 8.0 | 27 | 130 | Economic family total earnings |
| eipr27 | Numeric | 8.0 | 28 | 138 | Economic family total Employment Insurance contributions |
| fditx27 | Numeric | 8.0 | 29 | 146 | Federal income tax - Economic family total |
| fmse27 | Numeric | 8.0 | 30 | 154 | Economic family total farm self-employment net income |

Text table 3 External cross-sectional economic family file (ec2010ef)

| Variable name | Type | Size | Field | Start position | Long name |
|---|---|---|---|---|---|
| gi27 | Numeric | 8.0 | 31 | 162 | Guaranteed Income Supplement under federal OAS |
| gstxc27 | Numeric | 8.0 | 32 | 170 | Economic family total - Federal GST/HST Credit |
| gtr27 | Numeric | 8.0 | 33 | 178 | Economic family total Government transfer, federal and provincial |
| inctx27 | Numeric | 8.0 | 34 | 186 | Economic family total - Income tax, federal plus provincial |
| inva27 | Numeric | 8.0 | 35 | 194 | Economic family total - Investment income |
| licoda27 | Decimal | 5.1 | 36 | 202 | Depth of low income based on the after-tax low income cut-off |
| licodb27 | Decimal | 5.1 | 37 | 207 | Depth of low income based on the before-tax low income cut-off |
| licofa27 | Character | 1 | 38 | 212 | Flag - Family after tax income is below Low income cutoff (LICO) in reference year |
| licofb27 | Character | 1 | 39 | 213 | Flag - Family before tax income is below LICO in reference year |
| mbinc27 | Numeric | 8.0 | 40 | 214 | Economic family total-disposable income for Market Basket Measure (MBM) |
| mbrsd27 | Decimal | 5.1 | 41 | 222 | Depth of low income based on Market Basket Measure (2008 base) |
| mbrsf27 | Character | 1 | 42 | 227 | Flag- Family's disposable income below the 2008-base Market Basket Measure |
| mdac25 | Character | 1 | 43 | 228 | Does the household have appropriate clothes for job interviews or other special occasions? |
| mdacaf25 | Character | 1 | 44 | 229 | Can the household afford to have appropriate clothes for job interviews or other special occasions? |
| mdacdv25 | Character | 1 | 45 | 230 | FLAG - Household cannot afford to have appropriate clothes for job interviews or other special occasions. |
| mddc25 | Character | 1 | 46 | 231 | Does the household obtain dental care when needed? |
| mddcaf25 | Character | 1 | 47 | 232 | Can the household afford to obtain dental care when needed? |
| mddcdv25 | Character | 1 | 48 | 233 | FLAG - Household cannot afford to obtain dental care when needed. |
| mdfm25 | Character | 1 | 49 | 234 | Is the household able to have friends or family over for a meal at least once a month? |
| mdfmaf25 | Character | 1 | 50 | 235 | Is the household able to have friends or family over for a meal at least once a month? |
| mdfmdv25 | Character | 1 | 51 | 236 | FLAG - Household cannot afford to have friends or family over for a meal at least once a month. |
| mdfp25 | Character | 1 | 52 | 237 | Is the dwelling free of pests and insect such as mice, bedbugs or cockroaches? |
| mdfpaf25 | Character | 1 | 53 | 238 | Is the dwelling free of pests and insect such as mice, bedbugs or cockroaches? |

Text table 3 External cross-sectional economic family file (ec2010ef)

| Variable name | Type | Size | Field | Start position | Long name |
|---|---|---|---|---|---|
| mdfpdv25 | Character | 1 | 54 | 239 | FLAG - Dwelling not free of pests and insect such as mice, bedbugs or cockroaches? |
| mdfv25 | Character | 1 | 55 | 240 | Does the household eat fresh fruit and vegetables every day? |
| mdfvaf25 | Character | 1 | 56 | 241 | Can the household afford to eat fresh fruit and vegetables every day? |
| mdfvdv25 | Character | 1 | 57 | 242 | FLAG - Household cannot afford to eat fresh fruit and vegetables every day. |
| mdla25 | Character | 1 | 58 | 243 | Does each member of the household have a hobby or leisure activity? |
| mdlaaf25 | Character | 1 | 59 | 244 | Can each member of the household afford to have a hobby or leisure activity? |
| mdladv25 | Character | 1 | 60 | 245 | FLAG - Household cannot afford to have each member of the household have a hobby or leisure activity. |
| mdmf25 | Character | 1 | 61 | 246 | Does the household eat meat, fish or a vegetarian equivalent at least every other day? |
| mdmfaf25 | Character | 1 | 62 | 247 | Can the household afford to eat meat, fish or a vegetarian equivalent at least every other day? |
| mdmfdv25 | Character | 1 | 63 | 248 | FLAG - Household cannot afford to eat meat, fish or a vegetarian equivalent at least every other day. |
| mdra25 | Character | 1 | 64 | 249 | Is the household able to replace or repair broken or damaged appliances such as a vacuum or a toaster? |
| mdraaf25 | Character | 1 | 65 | 250 | Is the household able to replace or repair broken or damaged appliances such as a vacuum or a toaster? |
| mdradv25 | Character | 1 | 66 | 251 | FLAG - Household cannot afford to replace or repair broken or damaged appliances such as a vacuum or a toaster. |
| mdsg25 | Character | 1 | 67 | 252 | Is the household able to buy some small gifts for family or friends at least once a year? |
| mdsgaf25 | Character | 1 | 68 | 253 | Can the household afford to buy some small gifts for family or friends at least once a year? |
| mdsgdv25 | Character | 1 | 69 | 254 | FLAG - Household cannot afford to buy some small gifts for family or friends at least once a year. |
| mdtr25 | Character | 1 | 70 | 255 | Is the household able to get around the community, either by having a car or by taking the bus or an equivalent mode of transportation? |
| mdtraf25 | Character | 1 | 71 | 256 | Is the household able to get around the community, either by having a car or by taking the bus or an equivalent mode of transportation? |
| mdtrdv25 | Character | 1 | 72 | 257 | FLAG - Household cannot afford to get around the community, either by having a car or by taking the bus or an equivalent mode of transportation. |

Text table 3 External cross-sectional economic family file (ec2010ef)

| Variable name | Type | Size | Field | Start position | Long name |
|---|---|---|---|---|---|
| md2plf25 | Character | 1 | 73 | 258 | FLAG – Household cannot afford two or more items in the material deprivation list. |
| md3plf25 | Character | 1 | 74 | 259 | FLAG – Household cannot afford three or more items in the material deprivation list. |
| mdcnt25 | Character | 2 | 75 | 260 | Count of items from the material deprivation list that the household cannot afford. |
| medx27 | Numeric | 8.0 | 76 | 262 | Economic family total - Direct medical expenses |
| mjsif27 | Character | 2 | 77 | 270 | Major source of income for economic family |
| mtinc27 | Numeric | 8.0 | 78 | 272 | Economic family total - Market income |
| nfmse27 | Numeric | 8.0 | 79 | 280 | Economic family total - Non-farm self-employment net income |
| oas27 | Numeric | 8.0 | 80 | 288 | Old Age Security pension |
| oasgi27 | Numeric | 8.0 | 81 | 296 | Economic family total - Old Age Security benefits |
| ogovtr27 | Numeric | 8.0 | 82 | 304 | Economic family total - Other government transfers |
| ottxm27 | Numeric | 8.0 | 83 | 312 | Economic family total - Other income |
| pen27 | Numeric | 8.0 | 84 | 320 | Economic family total - Private retirement pensions |
| pengiv27 | Numeric | 8.0 | 85 | 328 | Pension Income Splitting (Transferee). |
| penrec27 | Numeric | 8.0 | 86 | 336 | Pension income transfered from spouse (received) |
| phpr27 | Numeric | 8.0 | 87 | 344 | Economic family total - Public health insurance premiums |
| prpen27 | Numeric | 8.0 | 88 | 352 | Private pension income |
| pvitx27 | Numeric | 8.0 | 89 | 360 | Economic family total - Provincial income tax |
| pvtxc27 | Numeric | 8.0 | 90 | 368 | Economic family total - Provincial tax credits |
| rppc27 | Numeric | 8.0 | 91 | 376 | Economic family total - Registered pension plan contributions |
| rspwi27 | Numeric | 8.0 | 92 | 384 | Economic family total - RRSP withdrawals |
| sapis27 | Numeric | 8.0 | 93 | 392 | Economic family total - Social Assistance |
| semp27 | Numeric | 8.0 | 94 | 400 | Economic family total - Self-employment net income |
| ttinc27 | Numeric | 8.0 | 95 | 408 | Economic family total - Total income before taxes |
| uccb27 | Numeric | 8.0 | 96 | 416 | Economic family total - Universal child care benefit |
| udpd27 | Numeric | 8.0 | 97 | 424 | Economic family total - Union dues (+ other profess. premiums) |
| uiben27 | Numeric | 8.0 | 98 | 432 | Economic family total - Employment Insurance benefits |
| wgsal27 | Numeric | 8.0 | 99 | 440 | Economic family total - Wages and salaries before deductions |
| wkrcp27 | Numeric | 8.0 | 100 | 448 | Economic family total - Workers' compensation benefits |
| alhpf27 | Numeric | 5.0 | 101 | 456 | Total hours paid all jobs, economic family members, reference year |
| fmsaf27 | Character | 1 | 102 | 461 | Flag - Family member received Social Assistance, reference year |
| fmuif27 | Character | 1 | 103 | 462 | Flag - Family member received Employment Insurance |

Text table 3 External cross-sectional economic family file (ec2010ef)

| Variable name | Type | Size | Field | Start position | Long name |
|---|---|---|---|---|---|
| | | | | | during reference year |
| fmwcf27 | Character | 1 | 104 | 463 | Flag - Family member received Worker's Compensation, reference year |
| nbear27 | Numeric | 2.0 | 105 | 464 | Number of earners 16 or older in economic family in reference year |
| nbempd27 | Numeric | 2.0 | 106 | 466 | Number of economic family members employed any time during reference year |
| nbfyft27 | Numeric | 2.0 | 107 | 468 | Number economic family members in full-year full-time jobs,reference year |
| nbscft27 | Numeric | 2.0 | 108 | 470 | Number of 16+ attending school full-time, reference year |
| nbscpt27 | Numeric | 2.0 | 109 | 472 | Number in family 16+ in school part-time in reference year |
| nbsemp27 | Numeric | 2.0 | 110 | 474 | Number of family members self-employed during reference year |
| nbunem27 | Numeric | 2.0 | 111 | 476 | Number of family members unemployed during reference year |
| nbwke27 | Numeric | 3.0 | 112 | 478 | Number of weeks employed, all family members, reference year |
| nbwkue27 | Numeric | 3.0 | 113 | 481 | Weeks unemployed for all family members during reference year |
| pvreg | Character | 2 | 114 | 484 | Province of residence group, household, December 31, reference year |

GST: Goods and services tax
HST: Harmonized sales tax
RRSP: Registered retirement savings plan

Text table 4 External cross-sectional census family file (ec2010cf)

| Variable name | Type | Size | Field | Start pos. | Long name |
|---|---|---|---|---|---|
| puchid25 | Character | 7 | 1 | 1 | Cross-sectional random household identifier |
| year99 | Numeric | 4 | 2 | 8 | reference year |
| d31fam26 | Character | 2 | 3 | 12 | Economic family identifier |
| d31cf26 | Character | 2 | 4 | 14 | Census family identifier |
| wtcsld26 | Decimal | 10.4 | 5 | 16 | Regular integrated cross-sectional weight for SLID |
| mjieh46 | Character | 1 | 6 | 26 | Flag - Census family including major income earner of household, reference year |
| pvreg25 | Character | 2 | 7 | 27 | Province of residence group, household, December 31, reference year |
| agofm46 | Numeric | 3 | 8 | 29 | Age of oldest person in census family |
| agofmg46 | Character | 2 | 9 | 32 | Age group of oldest person in census family |
| agyfm46 | Numeric | 3 | 10 | 34 | Age of youngest person in the census family |
| agyfmg46 | Character | 2 | 11 | 37 | Age group of youngest person in census family |
| fmcomp46 | Character | 2 | 12 | 39 | Census family composition |
| fmsz46 | Numeric | 2 | 13 | 41 | Number of census family members |
| alimo46 | Numeric | 8 | 14 | 43 | Census family total - Support payments received |
| alip46 | Numeric | 8 | 15 | 51 | Census family total - Support payments paid |
| atinc46 | Numeric | 8 | 16 | 59 | Census family total - after-tax income |
| capgn46 | Numeric | 8 | 17 | 67 | Census family total - Taxable capital gains |
| ccar46 | Numeric | 8 | 18 | 75 | Census family total - Childcare expenses |
| chfed46 | Numeric | 8 | 19 | 83 | Census family total - Canada Child Tax Benefits (CCTB) |

Text table 4 External cross-sectional census family file (ec2010cf) (continued)

| Variable name | Type | Size | Field | Start pos. | Long name |
|---|---|---|---|---|---|
| chprv46 | Numeric | 8 | 20 | 91 | Census family total - Provincial program general Child Tax Benefit (CTB) |
| chtxb46 | Numeric | 8 | 21 | 99 | Census family Total - federal provincial CTB programs |
| cpqpp46 | Numeric | 8 | 22 | 107 | Census family total - Canada and Quebec Pension Plan benefit |
| cqpc46 | Numeric | 8 | 23 | 115 | Census family total - Canada and Quebec Pension Plan |
| earng46 | Numeric | 8 | 24 | 123 | Census family total earnings |
| eipr46 | Numeric | 8 | 25 | 131 | Census family total - Employment Insurance contributions |
| fditx46 | Numeric | 8 | 26 | 139 | Census family total - Federal income tax |
| fmse46 | Numeric | 8 | 27 | 147 | Census family total farm self-employment net income |
| gi46 | Numeric | 8 | 28 | 155 | Guaranteed Income Supplement |
| gstxc46 | Numeric | 8 | 29 | 163 | Census family total - Federal GST/HST Credit |
| gtr46 | Numeric | 8 | 30 | 171 | Census family total- Government transfers,federal&provincial |
| inctx46 | Numeric | 8 | 31 | 179 | Census family total - Income tax, federal plus provincial |
| inva46 | Numeric | 8 | 32 | 187 | Census family total - Investment income |
| mbinc46 | Numeric | 8 | 33 | 195 | Census family total- disposable income for Market Basket Measure |
| medx46 | Numeric | 8 | 34 | 203 | Census family total - Direct medical expenses |
| mjsif46 | Character | 2 | 35 | 211 | Major source of income for census family |
| mtinc46 | Numeric | 8 | 36 | 213 | Census family total - Market income |
| nfmse46 | Numeric | 8 | 37 | 221 | Census family total - Non-farm self-employment net income |
| oas46 | Numeric | 8 | 38 | 229 | Old Age Security pension |

Text table 4 External cross-sectional census family file (ec2010cf) (continued)

| Variable name | Type | Size | Field | Start pos. | Long name |
|---|---|---|---|---|---|
| oasgi46 | Numeric | 8 | 39 | 237 | Census family total - Old Age Security benefits |
| ogovtr46 | Numeric | 8 | 40 | 245 | Census family total - Other government transfers |
| ottxm46 | Numeric | 8 | 41 | 253 | Census family total - Other income |
| pen46 | Numeric | 8 | 42 | 261 | Census family total - Private retirement pensions. Includes pension income splitting |
| pengiv46 | Numeric | 8 | 43 | 269 | Pension Income Splitting (Transferee). Money given to spouse to reduce tax burden. |
| penrec46 | Numeric | 8 | 44 | 277 | Pension income transfered from spouse (received) |
| phpr46 | Numeric | 8 | 45 | 285 | Census family total - Public health insurance premiums |
| prpen46 | Numeric | 8 | 46 | 293 | Private pension income |
| pvitx46 | Numeric | 8 | 47 | 301 | Pension Income Splitting (Transferee). |
| pvtxc46 | Numeric | 8 | 48 | 309 | Census family total - Provincial tax credits |
| rppc46 | Numeric | 8 | 49 | 317 | Census family total - Registered pension plan contributions |
| rspwi46 | Numeric | 8 | 50 | 325 | Census family total - RRSP withdrawals |
| sapis46 | Numeric | 8 | 51 | 333 | Census family total - Social Assistance |
| semp46 | Numeric | 8 | 52 | 341 | Census family total - Self-employment net income |
| ttinc46 | Numeric | 8 | 53 | 349 | Census family total - Total income before taxes |
| uccb46 | Numeric | 8 | 54 | 357 | Census family total - Universal child care benefit |
| udpd46 | Numeric | 8 | 55 | 365 | Census family total - Union dues (+ other professional premiums) |
| uiben46 | Numeric | 8 | 56 | 373 | Census family total - Employment Insurance benefits |
| wgsal46 | Numeric | 8 | 57 | 381 | Census family total - Wages and salaries before deductions |

Text table 4 External cross-sectional census family file (ec2010cf) (continued)

| Variable name | Type | Size | Field | Start pos. | Long name |
|---|---|---|---|---|---|
| wkrcp46 | Numeric | 8 | 58 | 389 | Census family total - Workers' compensation benefits |
| alhpf46 | Numeric | 5 | 59 | 397 | Total hours paid all jobs, census family members, reference year |
| fmsaf46 | Character | 1 | 60 | 402 | Flag - Census family member received Social Assistance, reference year |
| fmuif46 | Character | 1 | 61 | 403 | Flag - Census family received EI during reference year |
| fmwcf46 | Character | 1 | 62 | 404 | Flag - Census family received Worker's Compensation, reference year |
| nbear46 | Numeric | 2 | 63 | 405 | Number of earners 16 or older in census family for reference year |
| nbempd46 | Numeric | 2 | 64 | 407 | Number of census family members employed any time in reference year |
| nbfyft46 | Numeric | 2 | 65 | 409 | Number of census family members in full-year/full-time jobs, reference year |
| nbscft46 | Numeric | 2 | 66 | 411 | Number of 16+ in census family in school full-time |
| nbscpt46 | Numeric | 2 | 67 | 413 | Number in census family 16+ in school part-time, reference year |
| nbsemp46 | Numeric | 2 | 68 | 415 | Number of census family members self-employed during reference year |
| nbunem46 | Numeric | 2 | 69 | 417 | Number of census family members unemployed during reference year |
| nbwke46 | Numeric | 3 | 70 | 419 | Number of weeks employed all census family during reference year |
| nbwkue46 | Numeric | 3 | 71 | 422 | Weeks unemployed for all census family members in reference year |

Text table 5 External cross-sectional person file (ec2010pr)

| Variable name | Type | Size | Field | Start pos. | Long name |
|---|---|---|---|---|---|
| pucpid26 | Character | 7 | 1 | 1 | Cross-sectional random person identifier |
| puchid25 | Character | 7 | 2 | 8 | Cross-sectional random household identifier |
| d31fam26 | Character | 2 | 3 | 15 | Economic family identifier |
| d31cf26 | Character | 2 | 4 | 17 | Census family identifier |
| year99 | Numeric | 4 | 5 | 19 | reference year |
| wtcsld26 | Decimal | 10.4 | 6 | 23 | Regular integrated cross-sectional weight for SLID |
| ecage26 | Numeric | 3 | 7 | 33 | Person's age , reference year, external cross-sectional file |
| ecsex99 | Character | 1 | 8 | 36 | Sex of respondent on external cross-sectional files |
| ecyob26 | Numeric | 4 | 9 | 37 | Person's year of birth on external cross-sectional files |
| marst26 | Character | 2 | 10 | 41 | Marital status of person as of December 31 of reference year |
| mjacg26 | Character | 1 | 11 | 43 | Person's major activity at end of reference year, group |
| fslac26 | Character | 1 | 12 | 44 | Flag - Person is living with adult children (25+), reference year |
| fslsp26 | Character | 1 | 13 | 45 | Flag - Person living with spouse in reference year |
| immst15 | Character | 1 | 14 | 46 | Flag - Person is an immigrant |
| yrimmg26 | Character | 1 | 15 | 47 | Number of years since person immigrated to Canada, group |
| disabs26 | Character | 1 | 16 | 48 | Flag - Disability status for the reference year |
| pvreg25 | Character | 2 | 17 | 49 | Province of residence group, household, December 31, reference year |
| uszga25 | Character | 1 | 18 | 51 | Adjusted size of area of residence |
| hhsz25 | Numeric | 2 | 19 | 52 | Number of persons in household as of December 31 of reference year |
| hhcomp25 | Character | 1 | 20 | 54 | Household composition as of December 31 of reference year |
| condm25 | Numeric | 8 | 21 | 55 | Monthly condominium fee paid by household for dwelling |
| dwltyp25 | Character | 1 | 22 | 63 | Type of dwelling |
| dwtenr25 | Character | 1 | 23 | 64 | Ownership of dwelling |
| repa25 | Character | 1 | 24 | 65 | Repairs dwelling needed |

Text table 5 External cross-sectional person file (ec2010pr) (continued)

| Variable name | Type | Size | Field | Start pos. | Long name |
|---|---|---|---|---|---|
| suit25 | Character | 1 | 25 | 66 | Flag - Dwelling suitable, according to National Occupancy Standard |
| mortg25 | Character | 1 | 26 | 67 | Flag - There is a mortgage on the dwelling |
| mortgm25 | Numeric | 8 | 27 | 68 | Monthly mortgage payments, excluding property taxes |
| rentm25 | Numeric | 8 | 28 | 76 | Regular monthly rent paid by the household for the dwelling |
| multj28 | Character | 1 | 29 | 84 | Flag - Multiple job holder in any month in reference year |
| nbjbs28 | Numeric | 2 | 30 | 85 | Number of jobs held during reference year |
| alfst28 | Character | 2 | 31 | 87 | Annual labour force status |
| ml01v28 | Character | 2 | 32 | 89 | Monthly labour force status: January |
| ml02v28 | Character | 2 | 33 | 91 | Monthly labour force status: February |
| ml03v28 | Character | 2 | 34 | 93 | Monthly labour force status: March |
| ml04v28 | Character | 2 | 35 | 95 | Monthly labour force status: April |
| ml05v28 | Character | 2 | 36 | 97 | Monthly labour force status: May |
| ml06v28 | Character | 2 | 37 | 99 | Monthly labour force status: June |
| ml07v28 | Character | 2 | 38 | 101 | Monthly labour force status: July |
| ml08v28 | Character | 2 | 39 | 103 | Monthly labour force status: August |
| ml09v28 | Character | 2 | 40 | 105 | Monthly labour force status: September |
| ml10v28 | Character | 2 | 41 | 107 | Monthly labour force status: October |
| ml11v28 | Character | 2 | 42 | 109 | Monthly labour force status: November |
| ml12v28 | Character | 2 | 43 | 111 | Monthly labour force status: December |
| wksem28 | Numeric | 2 | 44 | 113 | Total number of weeks employed during reference year |
| wksnlf28 | Numeric | 2 | 45 | 115 | Total number of weeks not in the labour force during reference year |
| wksuem28 | Numeric | 2 | 46 | 117 | Total number of weeks unemployed during reference year |
| fpdwk28 | Character | 1 | 47 | 119 | Flag - Person was a paid worker during reference year |
| fsein28 | Character | 1 | 48 | 120 | Flag - Self-employed incorporated job in reference year |
| fseui28 | Character | 1 | 49 | 121 | Flag - Self-employed unincorporated job in reference year |
| alhrp28 | Numeric | 4 | 50 | 122 | Total hours paid all jobs during reference year |
| mtlswk28 | Numeric | 3 | 51 | 126 | Number of months since person last worked |

Text table 5 External cross-sectional person file (ec2010pr) (continued)

| Variable name | Type | Size | Field | Start pos. | Long name |
|---|---|---|---|---|---|
| scsum28 | Character | 2 | 52 | 129 | Yearly summary of schedules of jobs during the reference year |
| cmphrw28 | Decimal | 6.2 | 53 | 131 | Composite hourly wage all paid jobs in reference year |
| rcvcmp28 | Character | 1 | 54 | 137 | Flag - Received compensation during reference year |
| yrxfte11 | Numeric | 2 | 55 | 138 | Number of years of work experience, full-year full-time |
| jobdur1 | Numeric | 3 | 56 | 140 | Duration of job up to the end of current reference year (months) |
| clwkr1 | Character | 2 | 57 | 143 | Class of worker in reference year |
| prmjb1 | Character | 1 | 58 | 145 | Flag - Permanent job |
| reanp1 | Character | 2 | 59 | 146 | Reason why this job is not permanent |
| awh12v5 | Decimal | 5.1 | 60 | 148 | Average weekly hours at job in December |
| fllprt1 | Character | 1 | 61 | 153 | Flag - Job was full-time in reference year |
| reaisc1 | Character | 2 | 62 | 154 | Reason for irregular work schedule at end of the year |
| reawpt1 | Character | 2 | 63 | 156 | Reason why person worked less than 30 hours per week |
| scdtyp1 | Character | 2 | 64 | 158 | Type of work schedule at end of year for given job |
| tothrp1 | Numeric | 4 | 65 | 160 | Total hours paid at this job in reference year |
| typpt1 | Character | 1 | 66 | 164 | Type of part time work at this job for reference year |
| wkhm1 | Character | 1 | 67 | 165 | Flag - Person regularly worked at home for this job |
| hrwkhm1 | Decimal | 5.1 | 68 | 166 | Hours per week worked at home for job |
| nocg2e6 | Character | 2 | 69 | 171 | NOC-S 2006; NOC-S 2001 (End of reference year) |
| manag1 | Character | 1 | 70 | 173 | Flag - Job was perceived as managerial |
| superv1 | Character | 1 | 71 | 174 | Flag - Job involved supervising employees |
| imphwe1 | Decimal | 6.2 | 72 | 175 | Hourly wage at end of job or end of reference year |
| penpln1 | Character | 1 | 73 | 181 | Flag - Has pension plan with this job in reference year |
| uncoll1 | Character | 1 | 74 | 182 | Flag - Union member or covered by collective agreement |
| muloc10 | Character | 1 | 75 | 183 | Flag - Employer operates at more than one location |

Text table 5 External cross-sectional person file (ec2010pr) (continued)

| Variable name | Type | Size | Field | Start pos. | Long name |
|---|---|---|---|---|---|
| n07c3g10 | Character | 2 | 76 | 184 | Grouping 3, industry code of employer based on NAICS 2007 |
| nbema10 | Character | 1 | 77 | 186 | Number of employees at all locations |
| nbempl1 | Character | 1 | 78 | 187 | Number of employees at person's place of work |
| pubpv10 | Character | 1 | 79 | 188 | Flag - Employer is in public or private sector |
| alimo42 | Numeric | 8 | 80 | 189 | Support payments received |
| alip42 | Numeric | 8 | 81 | 197 | Support payments paid |
| atinc42 | Numeric | 8 | 82 | 205 | After-tax income |
| capgn42 | Numeric | 8 | 83 | 213 | Taxable capital gains |
| ccar42 | Numeric | 8 | 84 | 221 | Child care expenses |
| chfed42 | Numeric | 8 | 85 | 229 | Total of federal child benefits (CCTB, WIS, NCBS) |
| chprv42 | Numeric | 8 | 86 | 237 | Total provincial child benefits |
| chtxb42 | Numeric | 8 | 87 | 245 | Total federal and provincial child benefits |
| cpqpp42 | Numeric | 8 | 88 | 253 | Canada Pension Plan (CPP) and Quebec Pension Plan (QPP) benefits |
| cqpc42 | Numeric | 8 | 89 | 261 | Canada and Quebec Pension Plan contributions |
| earng42 | Numeric | 8 | 90 | 269 | Earnings |
| eipr42 | Numeric | 8 | 91 | 277 | Employment Insurance contributions |
| fditx42 | Numeric | 8 | 92 | 285 | Federal income tax |
| fmse42 | Numeric | 8 | 93 | 293 | Farm self-employment net income including farm program |
| gi42 | Numeric | 8 | 94 | 301 | Guaranteed Income Supplement |
| gstxc42 | Numeric | 8 | 95 | 309 | Federal GST/HST Credit, excludes provincial sales tax credit |
| gtr42 | Numeric | 8 | 96 | 317 | Government transfers, federal and provincial |
| inctx42 | Numeric | 8 | 97 | 325 | Income tax, federal plus provincial |
| inva42 | Numeric | 8 | 98 | 333 | Investment income |
| majri42 | Character | 2 | 99 | 341 | Major source of income |
| mbinc42 | Numeric | 8 | 100 | 343 | Disposable income for Market Basket Measure (MBM) |
| medx42 | Numeric | 8 | 101 | 351 | Direct medical expenses |
| mtinc42 | Numeric | 8 | 102 | 359 | Market income |
| nfmse42 | Numeric | 8 | 103 | 367 | Non-farm self-employment net income |
| oas42 | Numeric | 8 | 104 | 375 | Old Age Security pension |
| oasgi42 | Numeric | 8 | 105 | 383 | Total of Old Age Security benefits |

Text table 5 External cross-sectional person file (ec2010pr) (continued)

| Variable name | Type | Size | Field | Start pos. | Long name |
|---|---|---|---|---|---|
| ogovtr42 | Numeric | 8 | 106 | 391 | Other government transfers |
| ottxm42 | Numeric | 8 | 107 | 399 | Other (other) income |
| pen42 | Numeric | 8 | 108 | 407 | Private retirement pensions. Includes pension income splitting |
| pengiv42 | Numeric | 8 | 109 | 415 | Pension Income Splitting (Transferee) |
| penrec42 | Numeric | 8 | 110 | 423 | Pension income transfered from spouse (received) |
| phpr42 | Numeric | 8 | 111 | 431 | Public health insurance premiums |
| prpen42 | Numeric | 8 | 112 | 439 | Private retirement pensions |
| pvitx42 | Numeric | 8 | 113 | 447 | Provincial income tax |
| pvtxc42 | Numeric | 8 | 114 | 455 | Provincial tax credits |
| rppc42 | Numeric | 8 | 115 | 463 | Registered pension plan contributions |
| rspwi42 | Numeric | 8 | 116 | 471 | RRSP withdrawals |
| sapis42 | Numeric | 8 | 117 | 479 | Social Assistance |
| semp42 | Numeric | 8 | 118 | 487 | Self-employment net income |
| ttinc42 | Numeric | 8 | 119 | 495 | Total income before taxes |
| uccb42 | Numeric | 8 | 120 | 503 | Universal child care benefit |
| udpd42 | Numeric | 8 | 121 | 511 | Union dues (and other professional premiums) |
| uiben42 | Numeric | 8 | 122 | 519 | Employment Insurance benefits |
| wgsal42 | Numeric | 8 | 123 | 527 | Wages and salaries before deductions |
| wkrcp42 | Numeric | 8 | 124 | 535 | Workers' compensation benefits |
| atbus20 | Character | 1 | 125 | 543 | Flag - Attended business or commercial school in reference year |
| atcc20 | Character | 1 | 126 | 544 | Flag - Attended college or applied arts technical institution, reference year |
| atcegp20 | Character | 1 | 127 | 545 | Flag - Attended CEGEP in reference year |
| atelhi20 | Character | 1 | 128 | 546 | Flag - Attended high school in reference year |
| attrd20 | Character | 1 | 129 | 547 | Flag - Person attended trade school in reference year |
| atuniv20 | Character | 1 | 130 | 548 | Flag - Person attended university in reference year |
| cmphi20 | Character | 1 | 131 | 549 | Flag - Person completed high school in reference year |
| fllprt20 | Character | 1 | 132 | 550 | Flag - Person full-time student during reference year |
| rccoll20 | Character | 1 | 133 | 551 | Flag - Received certificate\diploma from college/business/trade/vocation/CEGEP, reference year |

Text table 5 External cross-sectional person file (ec2010pr) (continued)

| Variable name | Type | Size | Field | Start pos. | Long name |
|---|---|---|---|---|---|
| rcuniv20 | Character | 1 | 134 | 552 | Flag - Received university degree/certificate/diploma, reference year |
| studtf26 | Character | 1 | 135 | 553 | Flag - Attending school, college, CEGEP or university, in reference year |
| cmphi18 | Character | 1 | 136 | 554 | Flag - Person completed high school |
| dgcoll18 | Character | 1 | 137 | 555 | Flag - Ever received non-university post-secondary certificate/diploma |
| dguniv18 | Character | 1 | 138 | 556 | Flag - Ever received university degree/certificate/diploma (from below Bachelor to PhD) |
| encoll18 | Character | 1 | 139 | 557 | Flag - Ever enrolled non-university training |
| enuniv18 | Character | 1 | 140 | 558 | Flag - Person has ever enrolled in university |
| hleveg18 | Character | 2 | 141 | 559 | Highest level of education of person, 1st grouping |
| yrcoll18 | Decimal | 4.1 | 142 | 561 | Number Years completed at college/technical institution/trade/vocational/CEGEP |
| yrelhi18 | Decimal | 4.1 | 143 | 565 | Number of years completed at elementary and high school |
| yrpsec18 | Decimal | 4.1 | 144 | 569 | Number of years of postsecondary schooling completed |
| yrmug18 | Character | 2 | 145 | 573 | Year received recent non-university postsecondary diploma, 5 years interview, group |
| yrrug18 | Character | 2 | 146 | 575 | Year received highest university degree, 5 year interview, group |
| yrschl18 | Decimal | 4.1 | 147 | 577 | Number of years of schooling completed by person (elementary, high school, post secondary) |
| yruniv18 | Decimal | 4.1 | 148 | 581 | Number of years of university person has completed |

Text table 6 External cross-sectional key file (ec2010ke)

| Variable name | Type | Size | Field | Start pos. | Long name |
|---|---|---|---|---|---|
| puchid25 | Character | 7 | 1 | 1 | Cross-sectional random household identifier |
| pucpid26 | Character | 7 | 2 | 8 | Cross-sectional random person identifier |
| year99 | Numeric | 4 | 3 | 15 | Reference year |
| d31fam26 | Character | 2 | 4 | 19 | Economic family identifier |
| d31cf26 | Character | 2 | 5 | 21 | Census family identifier |
| wtcsld26 | Decimal | 10.4 | 6 | 23 | Regular integrated cross-sectional weight for SLID |
| ecage26 | Numeric | 3 | 7 | 33 | Person's age , reference year, external cross-sectional file |
| ecsex99 | Character | 1 | 8 | 36 | Sex of respondent on external cross-sectional files |
| ecyob26 | Numeric | 4 | 9 | 37 | Person's year of birth on external cross-sectional files |
| mjice26 | Character | 1 | 10 | 41 | Flag - Major income earner in the census family, reference year |
| mjieh26 | Character | 1 | 11 | 42 | Flag - Major income earner in the household, reference year |
| mjine26 | Character | 1 | 12 | 43 | Flags - Person was major earner in economic family, reference year |
| rmjcg26 | Character | 1 | 13 | 44 | Relationship to major income earner, census family, group |
| rmjig26 | Character | 1 | 14 | 45 | Relationship to major income earner, economic family, group |